




## Residual current device

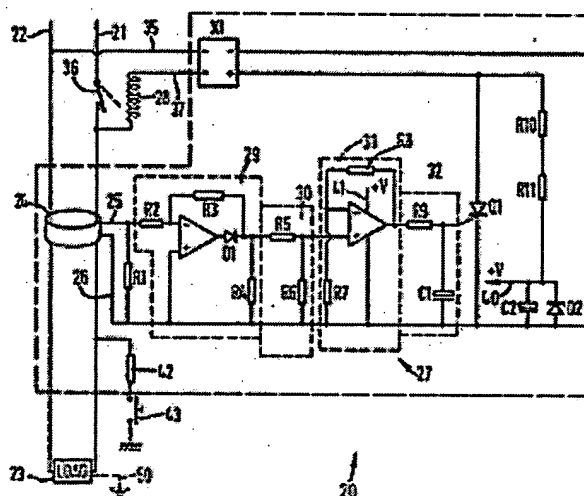
**Patent number:** GB2170367  
**Publication date:** 1986-07-30  
**Inventor:** WARD PATRICK JOSEPH  
**Applicant:** ATREUS ENTERPRISES LIMITED  
**Classification:**  
- **international:** H02H3/32  
- **europaean:** H02H3/33D  
**Application number:** GB19860002064 19860128  
**Priority number(s):** IE19850000214 19850129

Also published as:

 BE903181 (A)  
 IE850214L (I)  
 IE56011 (B1)

### Abstract of GB2170367

A residual current device for use in combination with a line circuit breaker 36 to interrupt a mains supply in a two wire 21, 22 system. The device comprises switch means Q1 operable on receiving a predetermined signal level to activate the line circuit breaker 36. The signal is provided by circuit means 27 including a sense coil 24 for sensing a current imbalance in two conductors 21, 22, and for providing an output signal in response thereto, the output signal being fed to said switch means via an inverting amplifier 29, an attenuator 30, a high gain amplifier 31 and a filter 32.



Data supplied from the *esp@cenet* database - Worldwide

BEST AVAILABLE COPY